

AMENDMENTS TO THE CLAIMS

1. **(Currently amended)** An isolated polypeptide having at least 80% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56);

(b) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56), lacking its associated signal peptide amino acids 1-33; or

~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56), lacking its associated signal peptide; or~~

~~(e)~~ (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203005;

wherein said isolated polypeptide is more highly expressed in melanoma compared to normal skin or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in melanoma compared to normal skin.

2. **(Currently amended)** The isolated polypeptide of Claim 1 having at least 85% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56);

(b) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56), lacking its associated signal peptide amino acids 1-33; or

~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56), lacking its associated signal peptide; or~~

~~(e)~~ (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203005;

wherein said isolated polypeptide is more highly expressed in melanoma compared to normal skin or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in melanoma compared to normal skin.

3. **(Currently amended)** The isolated polypeptide of Claim 1 having at least 90% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56);

(b) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56), lacking its associated signal peptide amino acids 1-33; or

~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56), lacking its associated signal peptide; or~~

~~(e)~~ (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203005;

wherein said isolated polypeptide is more highly expressed in melanoma compared to normal skin or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in melanoma compared to normal skin.

4. **(Currently amended)** The isolated polypeptide of Claim 1 having at least 95% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56);

(b) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56), lacking its associated signal peptide amino acids 1-33; or

~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56), lacking its associated signal peptide; or~~

~~(e)~~ (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203005;

wherein said isolated polypeptide is more highly expressed in melanoma compared to normal skin or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in melanoma compared to normal skin.

5. **(Currently amended)** The isolated polypeptide of Claim 1 having at least 99% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56);

(b) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56), lacking ~~its associated signal peptide~~ amino acids 1-33; or

~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56), lacking its associated signal peptide; or~~

~~(e)~~ (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203005;

wherein said isolated polypeptide is more highly expressed in melanoma compared to normal skin or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in melanoma compared to normal skin.

6. **(Currently amended)** An isolated polypeptide comprising:

(a) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56);

(b) the amino acid sequence of the polypeptide ~~of shown in Figure 56~~ (SEQ ID NO:56), lacking ~~its associated signal peptide~~ amino acids 1-33; or

~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 56 (SEQ ID NO:56), lacking its associated signal peptide; or~~

~~(e)~~ (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203005.

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7. **(Currently amended)** The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of shown in Figure 56 (SEQ ID NO:56).

8. **(Currently amended)** The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of shown in Figure 56 (SEQ ID NO:56), lacking its associated signal peptide amino acids 1-33.

9. **Canceled**

10. **Canceled**

11. **(Original)** The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203005.

12. **(Original)** A chimeric polypeptide comprising a polypeptide according to Claim 1 fused to a heterologous polypeptide.

13. **(Original)** The chimeric polypeptide of Claim 12, wherein said heterologous polypeptide is an epitope tag or an Fc region of an immunoglobulin.

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DELETION OF INVENTORS

Please correct the inventorship under 37 CFR §1.48(b) by removing the following inventors from the present application:

Dan L. Eaton, Ellen Filvaroff, Mary E. Gerritsen, and Colin K. Watanabe.